

CLAIMS

What is claimed is:

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1. A system for deploying content to network devices over a data network, comprising:

a content store that stores the content;

a system manager for scheduling a download of content from the data store to targeted network devices and downloading criteria for activation of the content on the targeted network device.

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2. A system as recited in Claim 1, wherein the system manager selects the targeted network devices among other network devices on the data network based on profile information associated with the network devices.

3. A system as recited in Claim 1, wherein the system manager schedules downloading of the content to the targeted network devices during periods when usage of the data network is typically low.

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4. A system as recited in Claim 1, wherein the system manager monitors usage of the data network; and initiates downloading of the content to the targeted network devices when usage of the data network falls below a predetermined level.

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5. A system as recited in Claim 1, further comprising:

a bulk data transfer manager that has access to the content store;

and

a bulk data transfer agent executing in the network devices that requests the content from the bulk data transfer manager, the bulk data

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6. A system as recited in Claim 5, further comprising:
a system agent, executing in the network device, the system
manager requesting the system agent to download the content; and the
system agent requesting the bulk data transfer agent to download the
content from the bulk data transfer manager.

7. A system as recited in Claim 1, further comprising a management console that
provides an interface to identify content for deployment on the network devices,
the management console downloading the content to the content store.

8. A system as recited in Claim 7, wherein the management console further
provides an interface to identify a group profile for targeting the network devices
for content deployment, the management console downloading the group profile
to the content store.

9. A system as recited in Claim 7, wherein the management console further
provides an interface for identifying activation criteria for activating the content
on the network devices.

10. A system as recited in Claim 1, further comprising:
a system agent executing on the network device; and
the system manager activating the downloaded content sending a
message to the system agent to activate the downloaded content.

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20. A system as recited in Claim 1, wherein the data network is a satellite-linked network.
21. A system as recited in Claim 1, wherein the data network is a Digital Subscriber Line network.
22. A system as recited in Claim 1, wherein the data network is a wireless network.
23. A system for deploying content to network devices over a data network, comprising:
- a content store that stores the content;
 - a system manager for scheduling a download of content from the data store to targeted network devices and downloading criteria for activation of the content on the targeted network device; and
 - a promotion notification agent that activates the content based on the activation criteria.
24. A system as recited in Claim 23, wherein the promotion notification agent waits for a message from the system agent to activate the content.
25. A system as recited in Claim 23, wherein the promotion notification agent waits for a predetermined date and time established by the activation criteria to activate the content.
26. A system as recited in Claim 23, wherein the promotion notification agent monitors user activity and waits for a predetermined user action established by the activation criteria to activate the content.

27. A system as recited in Claim 23, wherein the promotion notification agent monitors a video stream for embedded signal established by the activation criteria to activate the content.

5 28. A system as recited in Claim 23, wherein the promotion notification agent monitors a current channel for a television display device and activates the content in response to the current channel.

29. A method for deploying content to network devices over a data network, comprising:

10 storing content on a server system on the network;
scheduling a download of content from the server system to
targeted network devices; and
downloading activation criteria for content on the targeted
network devices.

15 30. A method as recited in Claim 29, further comprising selecting the targeted network devices among other network devices on the data network based on profile information associated with the network devices.

31. A method as recited in Claim 29, further comprising scheduling downloading of the content to the targeted network devices during periods when usage of the data network is typically low.

20 32. A method as recited in Claim 29, further comprising:
monitoring usage of the data network; and
downloading of the content to the targeted network devices when
usage of the data network falls below a predetermined level.

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33. A method as recited in Claim 29, further comprising using a bulk data transfer manager and a bulk data transfer agent to download the content to the network device.
34. A method as recited in Claim 29, further comprising an advertiser selecting activation criteria and target group profile via an interface to the server system.
35. A method as recited in Claim 29, wherein the step of downloading activation criteria comprises downloading a predetermined activation date and time.
36. A method as recited in Claim 29, wherein the step of downloading activation criteria comprises downloading activation event information.
37. A method as recited in Claim 29, further comprising activating the content in response to user attachment of a peripheral device to the network device.
38. A method as recited in Claim 29, further comprising activating the content in response to a selected channel for a television display device.
39. A method as recited in Claim 29, further comprising activating the content in response to a signal embedded in a video stream.
40. A method for deploying content to network devices over a data network, comprising:
 - storing content on a server system on the network, wherein the content is a promotion;
 - scheduling a download of the promotion from the server system to targeted network devices;

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activating the promotion by a promotion notification agent based on the activation criteria.

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